Amendments to the Claims

1   Claim 1 (original): A computer program product embodied on one or more computer-readable

2   media, the computer program product adapted for providing an electronic calendar-driven

3   application and comprising:

4   computer-readable program code means for creating calendar events on an electronic

5   calendar, the calendar events being organized according to a multi-level hierarchy comprising

6   context events at an upper level of the hierarchy and specific events at a lower level of the

7   hierarchy, wherein zero or more specific events may be scheduled on the electronic calendar

8   during any particular context event; and

9   computer-readable program code means for interrogating the calendar events created for a

10   user to provide information about the user.

1   Claim 2 (original): The computer program product according to Claim 1, further comprising

2   computer-readable program code means for automatically applying a default context during

3   calendar periods when no other context event is active.

1   Claim 3 (original): The computer program product according to Claim 1, further comprising:

2   computer-readable program code means for detecting an incoming electronic mail

3   message for the user; and

4   wherein the computer-readable program code means for interrogating further comprises:

5   computer-readable program code means for determining whether the user's calendar

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6   indicates that he is currently available for checking his electronic mail, and if not, generating an

7   automated response informing a sender of the electronic mail message of the user's current status

8   using a currently-active context event for the user and, for particular context events, any

9   currently-active specific event for the user.

1   Claim 4 (original): The computer program product according to Claim 3, wherein the automated

2   response further comprises information regarding when the user is next available.
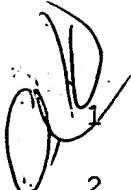
Claim 5 (original): The computer program product according to Claim 1, further comprising:

2   computer-readable program code means for detecting an incoming instant message or

3   request for instant messaging status for the user; and

4   wherein the computer-readable program code means for interrogating further comprises:

5   computer-readable program code means for determining whether the user's calendar

6   indicates that he is currently available for instant messaging, and if not, generating an automated

7   response informing a sender of the instant message or requester of the instant messaging status of

8   the user's current status using a currently-active context event for the user and, for particular

9   context events, any currently-active specific event for the user.

1   Claim 6 (original): The computer program product according to Claim 5, wherein the automated

2   response further comprises information regarding when the user is next available.

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1   Claim 7 (original): The computer program product according to Claim 1, further comprising:

2   computer-readable program code means for detecting an incoming voice call for the user;

3   and

4   wherein the computer-readable program code means for interrogating further comprises:

5   computer-readable program code means for generating, if the user does not answer the

6   incoming voice call, an automated response informing a caller making the incoming voice call of

7   the user's current status using a currently-active context event for the user and, for particular

8   context events, any currently-active specific event for the user.

1   Claim 8 (original): The computer program product according to Claim 7, wherein the automated

2   response further comprises information regarding when the user is next available.

1   Claim 9 (original): The computer program product according to Claim 1, further comprising:

2   computer-readable program code means for receiving a request for project management

3   information; and

4   wherein the computer-readable program code means for interrogating interrogates the

5   calendar events created for a plurality of users to provide information about the context events

6   and specific events scheduled for the users at a target date and a target time period, and further

7   comprising:

8   computer-readable program code means for generating a response informing a requester

9   of the project management information of the information for the users at the target date and the

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10   target time period using a result of the computer-readable program code means for interrogating.

1   Claim 10 (original): The computer program product according to Claim 9, wherein the request

2   asks whether any team member is available at a particular location during a particular time period

3   on a particular date.

1   Claim 11 (original): The computer program product according to Claim 1, wherein zero or more

2   attribute values may be specified for each of the context events and each of the specific events.

1   Claim 12 (original): The computer program product according to Claim 11, wherein the

2   computer-readable program code means for interrogating further comprises computer-readable

3   program code means for interrogating the specified attributes of a context event and of any

4   specific event that are applicable to a target date and a target time or target time period.

1   Claim 13 (original): The computer program product according to Claim 1, wherein zero or more

2   attribute values may be specified for each of the context events and each of the specific events and

3   further comprising:

4   computer-readable program code means for detecting an incoming electronic mail

5   message for the user; and

6   wherein the computer-readable program code means for interrogating further comprises:

7   computer-readable program code means for determining whether the user's calendar

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8   indicates that be is currently available for checking his electronic mail, and if not, generating an

9   automated response informing a sender of the electronic mail of the user's current status using a

10   currently-active context event for the user, the specified attributes of the currently-applicable

11   context event, any currently-active specific event for the user, and the specified attributes of any

12   currently-applicable specific event.

1   Claim 14 (original): The computer program product according to Claim 13, wherein overrides

2   may be specified for the attribute values and wherein the computer-readable program code means

3   for interrogating further comprises computer-readable program code means for applying the

4   overrides to the attribute values.

1   Claim 15 (original): The computer program product according to Claim 1, wherein zero or more

2   attribute values may be specified for each of the context events and each of the specific events and

3   further comprising:

4   computer-readable program code means for detecting an incoming instant message or

5   request for instant messaging status for the user; and

6   wherein the computer-readable program code means for interrogating further comprises:

7   computer-readable program code means for determining whether the user's calendar

8   indicates that he is currently available for instant messaging, and if not, generating an automated

9   response informing a sender of the instant message or requester of the instant messaging status of

10   the user's current status using a currently-active context event for the user, the specified attributes

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11   of the currently-applicable context event, any currently-active specific event for the user, and the

12   specified attributes of any currently-applicable specific event.

1   Claim 16 (original): The computer program product according to Claim 15, wherein overrides

2   may be specified for the attribute values and wherein the computer-readable program code means

3   for interrogating further comprises applying the overrides to the attribute values.

1   Claim 17 (original): The computer program product according to Claim 1, wherein zero or more

2   attribute values may be specified for each of the context events and each of the specific events and

3   further comprising:

4   computer-readable program code means for detecting an incoming voice call for the user;

5   and

6   wherein the computer-readable program code means for interrogating further comprises:

7   computer-readable program code means for generating, if the user does not answer the

8   incoming voice call, an automated response informing a caller making the incoming voice call of

9   the user's current status using a currently-active context event for the user, the specified attributes

10   of the currently-applicable context event, any currently-active specific event for the user, and the

11   specified attributes of any currently-applicable specific event.

1   Claim 18 (original): The computer program product according to Claim 17, wherein overrides

2   may be specified for the attribute values and wherein the computer-readable program code means

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3   for interrogating further comprises applying the overrides to the attribute values.

1   Claim 19 (original): The computer program product according to Claim 1, wherein zero or more

2   attribute values may be specified for each of the context events and each of the specific events and

3   further comprising:

4   computer-readable program code means for receiving a request for project management

5   information for a target date and a target time period; and

6   wherein the computer-readable program code means for interrogating interrogates the

7   calendar events created for a plurality of users to provide information about the context events

8   and specific events scheduled for the users at the target date and the target time period, the

9   specified attributes of scheduled context events, and the specified attributes of any scheduled

10   specific events, and further comprising:

11   computer-readable program code means for generating a response informing a requester

12   of the project management information of the information for the users using a result of the

13   computer-readable program code means for interrogating.

1   Claim 20 (original): The computer program product according to Claim 19, wherein overrides

2   may be specified for the attribute values and wherein the computer-readable program code means

3   for interrogating further comprises applying the overrides to the attribute values.

1   Claim 21 (original): The computer program product according to Claim 1, wherein default

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2   attribute values may be specified for context event types and for specific event types, and wherein

3   a particular context event and/or a particular specific event may include attribute values which

4   override the default attribute values.

1   Claim 22 (original): The computer program product according to Claim 11, wherein the attribute

2   values include information on how to immediately contact the user.

1   Claim 23 (original): The computer program product according to Claim 11, wherein the attribute

2   values include whether, and how often, the user checks electronic mail messages.

1   Claim 24 (original): The computer program product according to Claim 11, wherein the attribute

2   values include whether the user is available for instant messaging.

1   Claim 25 (original): The computer program product according to Claim 11, wherein the attribute

2   values include whether, and how often, the user checks voice mail messages.

1   Claim 26 (original): A system for providing an electronic calendar-driven application,

2   comprising:

3   means for creating calendar events on an electronic calendar, the calendar events being

4   organized according to a multi-level hierarchy comprising context events at an upper level of the

5   hierarchy and specific events at a lower level of the hierarchy, wherein zero or more specific

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6   events may be scheduled on the electronic calendar during any particular context event; and

7   means for interrogating the calendar events created for a user to provide information

8   about the user at a point in time or for a period of time.

1   Claim 27 (original): The system according to Claim 26, further comprising means for

2   automatically applying a default context during calendar periods when no other context event is

3   active.

1   Claim 28 (original): The system according to Claim 26, further comprising:

2   means for detecting an incoming electronic mail message for the user; and

3   wherein the means for interrogating further comprises:

4   means for determining whether the user's calendar indicates that he is currently available

5   for checking his electronic mail, and if not, generating an automated response informing a sender

6   of the electronic mail message of the user's current status using a currently-active context event

7   for the user and, for particular context events, any currently-active specific event for the user.

1   Claim 29 (original): The system according to Claim 26, further comprising:

2   means for detecting an incoming voice call for the user; and

3   wherein the means for interrogating further comprises:

4   means for generating, if the user does not answer the incoming voice call, an automated

5   response informing a caller making the incoming voice call of the user's current status using a

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6   currently-active context event for the user and, for particular context events, any currently-active

7   specific event for the user.

1   Claim 30 (original): The system according to Claim 26, further comprising:

2   means for receiving a request for project management information; and

3   wherein the means for interrogating interrogates the calendar events created for a plurality

4   of users to provide information about the context events and specific events scheduled for the

5   users at a target date and a target time period, and further comprising:

6   means for generating a response informing a requester of the project management

7   information of the information for the users at the target date and the target time period using a

8   result of the means for interrogating.

1   Claim 31 (original): The system according to Claim 30, wherein the request asks whether any

2   team member is available at a particular location during a particular time period on a particular

3   date.

1   Claim 32 (original): The system according to Claim 26, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events.

1   Claim 33 (original): The system according to Claim 32, wherein the means for interrogating

2   further comprises means for interrogating the specified attributes of a context event and of any

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3   specific event that are applicable to a target date and a target time or target time period.

1   Claim 34 (original): The system according to Claim 26, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events and further

3   comprising:

4   means for detecting an incoming electronic mail message or an instant message for the

5   user; and

6   wherein the means for interrogating further comprises:

7   means for determining whether the user's calendar indicates that he is currently available

8   for checking his electronic mail or available for instant messaging, and if not, generating an

9   automated response informing a sender of the electronic mail message or the instant message of

10   the user's current status using a currently-active context event for the user, the specified attributes

11   of the currently-applicable context event, any currently-active specific event for the user, and the

12   specified attributes of any currently-applicable specific event.

1   Claim 35 (original): The system according to Claim 26, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events and further

3   comprising:

4   means for detecting an incoming voice call for the user; and

5   wherein the means for interrogating further comprises:

6   means for generating, if the user does not answer the incoming voice call, an automated

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7   response informing a caller making the incoming voice call of the user's current status using a

8   currently-active context event for the user, the specified attributes of the currently-applicable

9   context event, any currently-active specific event for the user, and the specified attributes of any

10   currently-applicable specific event.

1   Claim 36 (original): The system according to Claim 26, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events and further

3   comprising:

4   means for receiving a request for project management information for a target date and a

5   target time period; and

· 6   wherein the means for interrogating interrogates the calendar events created for a plurality

7   of users to provide information about the context events and specific events scheduled for the

8   users at the target date and the target time period, the specified attributes of currently-applicable

9   context events, and the specified attributes of any currently-applicable specific events, and further

10   comprising:

11   means for generating a response informing a requester of the project management

12   information of the information for the users using a result of the means for interrogating.

1   Claim 37 (original): The system according to Claim 26, wherein default attribute values may be

2   specified for context event types and for specific event types, and wherein a particular context

3   event and/or a particular specific event may include attribute values which override the default

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4   attribute values.

1   Claim 38 (original): The system according to Claim 32, wherein the attribute values include

2   information on how to immediately contact the user.

1   Claim 39 (original): The system according to Claim 32, wherein the attribute values include

       whether, and how often, the user checks electronic mail messages.

1   Claim 40 (original): The system according to Claim 32, wherein the attribute values include

2   whether, and how often, the user checks voice mail messages.

1   Claim 41 (original): A method for providing an electronic calendar-driven application,

2   comprising the steps of:

3   creating calendar events on an electronic calendar, the calendar events being organized

4   according to a multi-level hierarchy comprising context events at an upper level of the hierarchy

5   and specific events at a lower level of the hierarchy, wherein zero or more specific events may be

6   scheduled on the electronic calendar during any particular context event; and

7   interrogating the calendar events created for a user to provide information about the user.

1   Claim 42 (original): The method according to Claim 41, further comprising the step of

2   automatically applying a default context during calendar periods when no other context event is

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3   active.

1   Claim 43 (original): The method according to Claim 41, further comprising the step of:

2   detecting an incoming electronic mail message or an instant message for the user; and

3   wherein the interrogating step further comprises the step of:

4   determining whether the user's calendar indicates that he is currently available for

5   checking his electronic mail or available for instant messaging, and if not, generating an

6   automated response informing a sender of the electronic mail message or the instant message of

7   the user's current status using a currently-active context event for the user and, for particular

8   context events, any currently-active specific event for the user.

1   Claim 44 (original): The method according to Claim 41, further comprising the step of:

2   detecting an incoming voice call for the user; and

3   wherein the interrogating step further comprises the steps of:

4   generating, if the user does not answer the incoming voice call, an automated response

5   informing a caller making the incoming voice call of the user's current status using a currently-

6   active context event for the user and, for particular context events, any currently-active specific

7   event for the user.

1   Claim 45 (original): The method according to Claim 41, further comprising the step of:

2   receiving a request for project management information; and

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3   wherein the interrogating step interrogates the calendar events created for a plurality of

4   users to provide information about the context events and specific events scheduled for the users

5   at a target date and a target time period, and further comprising the step of:

6   generating a response informing a requester of the project management information of the

7   information for the users at the target date and the target time period using a result of the

8   interrogating step.

1   Claim 46 (original): The method according to Claim 45, wherein the request asks whether any

2   team member is available at a particular location during a particular time period on a particular

3   date.

1   Claim 47 (original): The method according to Claim 41, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events.

1   Claim 48 (original): The method according to Claim 47, wherein the interrogating step further

2   comprises interrogating the specified attributes of a context event and of any specific event that

3   are applicable to a target date and a target time or target time period.

1   Claim 49 (original): The method according to Claim 41, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events and further

3   comprising the step of:

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4   detecting an incoming electronic mail message for the user; and

5   wherein the interrogating step further comprises the steps of:

6   determining whether the user's calendar indicates that he is currently available for

7   checking his electronic mail, and if not, generating an automated response informing a sender of

8   the electronic mail message of the user's current status using a currently-active context event for

9   the user, the specified attributes of the currently-applicable context event, any currently-active

10   specific event for the user, and the specified attributes of any currently-applicable specific event.

1   Claim 50 (original): The method according to Claim 41, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events and further

3   comprising the step of:

4   detecting an incoming voice call for the user; and

5   wherein the interrogating step further comprises the step of:

6   generating, if the user does not answer the incoming voice call, an automated response

7   informing a caller making the incoming voice call of the user's current status using a currently-

8   active context event for the user, the specified attributes of the currently-applicable context event,

9   any currently-active specific event for the user, and the specified attributes of any currently-

10   applicable specific event.

1   Claim 51 (original): The method according to Claim 41, wherein zero or more attribute values

2   may be specified for each of the context events and each of the specific events and further

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3   comprising the step of:

4   receiving a request for project management information for a target date and a target time

5   period; and

6   wherein the interrogating step interrogates the calendar events created for a plurality of

7   users at the target date and the target time period to provide information about the context events

8   and specific events scheduled for the users, the specified attributes of currently-applicable context

9   events, and the specified attributes of any currently-applicable specific events, and further

10   comprising:

11   generating a response informing a requester of the project management information of the

12   information for the users using a result of the interrogating step.

1   Claim 52 (original): The method according to Claim 41, wherein default attribute values may be

2   specified for context event types and for specific event types, and wherein a particular context

3   event and/or a particular specific event may include attribute values which override the default

4   attribute values.

1   Claim 53 (original): The method according to Claim 47, wherein the attribute values include

2   information on how to immediately contact the user.

1   Claim 54 (original): The method according to Claim 47, wherein the attribute values include

2   information on an alternative contact person for the user.

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1   Claim 55 (original): The method according to Claim 47, wherein the attribute values include

2   whether, and how often, the user checks electronic mail messages.

1   Claim 56 (original): The method according to Claim 47, wherein the attribute values include

2   whether, and how often, the user checks voice mail messages.

1   Claim 57 (original): The method according to Claim 41, wherein the interrogating step further

2   comprises interrogating a specific event that is applicable to a target date and a target time or

3   target time period.

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1   Claim 58 (new): The method according to Claim 43, wherein a level of detail provided in the

2   automated response varies, based on an identification of a sender of the incoming electronic mail

3   message or instant message.

1   Claim 59 (new): The method according to Claim 41, wherein the interrogating step further

2   comprises the step of analyzing selected ones of the specific events for the user.

1   Claim 60 (new): The method according to Claim 41, wherein interrogating step further comprises

2   the step of analyzing selected ones of the context events for the user.

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Claim 61 (new): The method according to Claim 41, wherein the interrogating step further comprises the step of analyzing selected ones of the attribute values for the user.